**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (**previously amended**): A respiratory monitoring system comprising:

a patient interface comprising a nasal cannula and a visual display, said nasal cannula comprising at least a first nasal capnography port and a first pressure sensor port and said visual display comprising indicators, wherein said visual display is adapted to be positioned at a suitable location on the body of a patient such that said indicators are visible to a user while simultaneously observing the patient;

a respiratory monitor, comprising a sensor, wherein said respiratory monitor is adapted so as to be coupled to said patient interface and generate a signal reflecting at least one respiratory condition of the patient; and

an electronic controller interconnected with the respiratory monitor and the patient interface, wherein said visual display is modified based on the information contained in said signal.

Claim 2 (**original**): The system of claim 1, further comprising a drug delivery device supplying one or more drugs to said patient, wherein said electronic controller receives said signal and manages said drug delivery device in response to said signal.

Claim 3 (**original**): The system of claim 1, further comprising a user interface allowing a user to enter inputs, said inputs corresponding to thresholds for at least one respiratory parameter.

Claim 4 (**original**): The system of claim 3, wherein said predetermined thresholds relate to inhalation or exhalation of said patient.

Claim 5 (**original**): The system of claim 3, wherein pressure waveform analysis and segmentation is used to identify one of respiratory effort and effect based on said predetermined thresholds.

Claim 6 (**original**): The system of claim 4, wherein alarm conditions are determined based on said one of respiratory effort and effect in relation to said predetermined thresholds.

Claim 7 (**original**): The system of claim 4, wherein alarm conditions are determined based on other criteria in addition to said one of respiratory effort and effect in relation to said predetermined thresholds.

Claim 8 (**previously amended**): The system of claim 4, wherein said indicators comprise at least one series of light emitting diodes (LEDs) such that specific LEDs provide semi-quantitative respiratory information corresponding to said predetermined thresholds for said one of respiratory effort and effect.

Claim 9 (**original**): The system of claim 8, wherein said respiratory visual display is updated in real time.

Claim 10 (**original**): The system of claim 8, wherein said LEDs are color coded to correspond to each type of said predetermined thresholds.

Claim 11 (**original**): The system of claim 8, wherein said predetermined thresholds represent a gradual increase in magnitude of a corresponding parameter.

Claim 12 (**original**): The system of claim 3, wherein said sensor includes at least one of a pressure sensor, humidistat, thermistor, and flow sensor.

Claim 13 (**previously amended**): The system of claim 1, further comprising an ear mount adapted for placement on at least one ear of a patient, said visual display adapted for mounting on said ear mount.

Claim 14 (**original**): The system of claim 13, further comprising a support band coupled to said ear mount to provide stability to said ear mount and said visual display.

Claim 15 (**previously amended**): The system of claim 1, wherein said respiratory monitoring system is a sedation and analgesia system.

Claims 16-27 (**cancelled**).

Claim 28 (**withdrawn**): A respiratory monitoring and gas delivery system comprising:

a nasal interface in fluid communication with said supply lumen, said nasal interface comprising a first nasal port, a second nasal port, a gas delivery port, a first nasal capnography port, a first pressure sensor port, a second nasal capnometry port, a second pressure sensor port, an oral capnometry port, and an oral port.

an gas delivery device operatively connected with said gas delivery port such that gas may be delivered through said nasal interface to a patient;

a respiratory monitoring device operatively connected to one or more of said first nasal capnography port, said first pressure sensor port, said second nasal capnometry port, said second pressure sensor port, and said oral capnometry port, said respiratory monitoring device including a sensor for monitoring a plurality of patient parameters including inspired and/or expired oxygen, inspired and/or expired $CO_2$ concentration, or partial pressure;

a visual display in communication with said respiratory monitoring device, said visual display comprising a plurality of indicators indicating multiple levels of negative and positive pressure, said visual display adapted such that said indicators are visible to a user while simultaneously observing a patient.

Claim 29 (**withdrawn**): The system of claim 28, wherein said gas delivery device delivers oxygen to the patient through one or more of said first nasal port, said second nasal port, said oral port and a grid of ports.

Claim 30 (**withdrawn**): A system for delivering sedative and/or analgesic drugs to a patient, said system comprising:

a patient health monitor adapted so as to be coupled to a patient during a procedure, said monitor generating a signal reflecting measurements of at least one monitored physiological condition of the patient;

a drug delivery mechanism for delivering a drug dosage rate of sedative to the patient during said procedure;

a processor operably connected to the patient health monitor, the drug delivery controller, and the reader device, said processor having accessible parameters that indicate values for said measurements of said monitored physiological condition, said values correlating to a range of patient conditions associated with said procedure;

wherein said processor operates according to software to receive said signals during said procedure, analyze said measurements reflected in said signal using said parameters to identify onset or possible onset of a patient condition outside of a normal range, and generate a signal indicating possible modifications of said drug dosage rate to remedy said onset or possible onset of said patient condition, wherein said processor signal indicates an action dependent upon an extent by which said current measurements are outside said normal range; and

a plurality of indicators in communication with said patient health monitor, said plurality of indicators and adapted to be positioned so that they are visible to a user while simultaneously observing a patient.

Claim 31 (**withdrawn**): The system of claim 30, wherein said plurality of indicators comprises at least one series of light emitting diodes (LEDs) such that specific LEDs provide semi-quantitative respiratory information corresponding to said parameters.